

**Annual Return of Statistics relating
to Forest Administration in British
India for the year 1929-30**



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Corrigenda to the Annual Return of Statistics relating to Forest Administration in British India for the year 1929-30.

In Statement XII (Progress on reproduction and afforestation), page 16, *against* Burma, read "31,696 ; 7,984 ; 1,68,924" instead of previous figures in columns 2, 3 and 5 respectively.

Against Total 1929-30, read "351,362 ; 94,202 ; 9,51,087" in place of previous figures in columns 2, 3 and 5 respectively.

In Statement XIII (Outturn of forest produce), page 17, *against* Andamans, read "181,719 ; 3,386,410 and 3,568,120" instead of "181,892 ; 3,389,796 and 3,571,688" in columns 2, 6 and 8 respectively.

Against Total 1929-30, read "208,009,450 ; 89,257,271 and 350,063,521" instead of "208,009,632 ; 89,260,657 and 350,067,089" in the same columns.

Against Total 1928-29, read "223,243,569 ; 86,098,058 and 364,189,585" instead of "234,028,969 ; 101,052,058 and 389,928,085" in the same columns.

In Statement XIV (Forest produce removed by different agencies, Part I.—Timber and Fuel), page 18—

Against Andamans, in place of previous figures, read "2,127,705 ; 10,237 ; 41,445 ; 1,935 ; 2,181,322 ; 1,013,371 ; 15,227 ; 331,560 ; 26,640 ; 1,386,798" in columns 2 to 11 respectively.

Against Total 1929-30, in place of previous figures, read "21,413,337 ; 87,246,619 ; 1,839,366 ; 3,612,101 ; 114,140,826 ; 19,219,943 ; 154,445,552 ; 9,335,560 ; 52,921,640 ; 235,922,695" in the same columns.

Against Total 1928-29, in place of previous figures, read "20,097,720 ; 98,943,784 ; 1,833,959 ; 4,179,432 ; 125,050,695 ; 23,796,098 ; 153,576,852 ; 9,392,240 ; 52,373,700 ; 239,138,890" in the same columns.

Against Total 1925-26, in place of previous figures, read "17,538,058 ; 99,730,475 ; 1,765,635 ; 4,266,764 ; 123,290,932 ; 14,428,196 ; 157,656,819 ; 9,140,464 ; 54,881,240 ; 236,106,719" in the same columns.

In Statement XIV (Forest produce removed by different agencies, Part II.—Value of minor forest produce), page 19—

Against Total 1926-27, column 9, read "3,67,111" instead of "43,67,116".

Corrigenda to the Annual Return of Statistics relating to Forest Administration in British India

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APPENDIX.

Diagram showing annual forest revenue, expenditure and surplus for the 10 years 1920-21 to 1929-30.

STATEMENT I.

Area of forests under the control of the Forest Department.

Province.		Forest area in square miles.				Percentage of forests to whole area of Province.	Remarks.
Name.	Area in square miles.	Reserved.	Protected.	Unclassed State.	Total.		
1	2	3	4	5	6	7	8
Bengal	76,855	(a) 6,465	(b) 673	3,445	10,583	13.8	(a) Includes 20 square miles of reserved forests not under the management of Forest Department. (b) Includes 11 square miles of other protected forests not under the control of Forest Department.
United Provinces	106,720	(c) 5,163	4	50	5,217	4.8	(c) Includes 1 square mile of leased forests.
Punjab	97,281	(d) 1,510	(e) 3,209	(f) 592	5,320	5.5	(d) Includes 952 square miles of leased forests but excludes 506 square miles of reserved forests not under the control of the Forest Department. (e) Excludes 71 square miles not under the control of the Forest Department. (f) Excludes 235 square miles of forest and village forest lands. (g) Includes 7,359 square miles without forest growth.
Burma	182,900	29,467	...	(g) 92,373	121,660	66.6	
Federated Shan States	60,615	3,174	...	21,477	24,651	40.7	
Bihar and Orissa	83,089	1,799	(h) 1,230	3	3,032	3.6	(h) Excludes 681 square miles not under the control of Forest Department.
Assam	55,156	6,147	...	14,683	20,830	37.7	
Central Provinces (including Berar).	100,052	(i) 19,641	...	...	19,641	19.6	(i) Includes 174 square miles of leased forests.
Coorg	1,582	519	...	...	519	32.8	
North-West Frontier Province.	13,153	(j) 248	(k) ...	...	248	1.8	(j) Excludes 14 square miles of Civil and Military Reserved Forests. (k) Excludes 105 square miles of civil protected forests and 133 square miles of Guzarat forests.
Ajmer	2,767	111	...	...	141	5.1	
Baluchistan (portions under British Administration).	54,228	316	...	472	788	1.4	
Andamans and Nicobar	8,143	52	...	2,136	2,190	60.6	(l) Includes 27 square miles of Tekadi leased forests.
Madras	142,650	(l) 18,903	...	(m) 270	19,243	13.4	(m) Reserved forests.
Bombay (including Sind)	123,276	13,722	1,182	...	(n) 14,904	12.1	(n) Includes 2,563 square miles of reserved and protected forests not under the management of the Forest Department.
Total 1929-30	1,103,491	107,353	6,298	135,503	249,154	22.6	
" 1928-29	1,103,500	106,849	6,308	136,605	249,822	22.7	
" 1927-26	1,103,579	105,588	7,658	136,861	250,110	22.6	
" 1926-27	1,000,146	105,285	8,626	137,811	251,755	22.8	
" 1925-26	1,000,868	105,041	8,405	138,834	252,280	22.0	

Figures taken from the Census Report of 1921.
Excluding Delhi Province and Pargana Manpur.

STATEMENT II.

Progress made in Forest Settlements during the year 1929-30.

Province.	Area in square miles.			Cost during year.		Entire cost per square mile of areas finally settled
	Finally settled during year.	In hand at commencement of year.	Taken in hand during year.	In Forest Accounts.	In other Accounts	
1	2	3	4	5	6	7
				Rs.	Rs.	Rs.
Bengal	5	21	100	104	...	...
United Provinces	6	7	16	...	...	...
Punjab . . . . .	...	...	7	...	...	...
Harmat	337	2,053	2,107	12,594	...	...
Federated Shan States	64	94	...	...	...	...
Bihar and Orissa . . . . .	...	2	2	...	...	...
Assam	42	50	24	790	...	...
Central Provinces . . . . .	...	...	1	...	...	...
Coorg . . . . .	...	...	...	...	...	...
North-West Frontier Province . . . . .	...	...	...	...	...	...
Ajmer . . . . .	...	...	...	...	...	...
Baluchistan . . . . .	...	313	3	816	...	...
Andamans . . . . .	...	52	...	...	...	...
Madras	76	109	7	...	...	...
Bombay	24	65	19	...	...	...
1929-30	554	2,766	2,286	14,304	...	...
1928-29	1,433	2,300	1,715	3,312	...	269
Total 1927-28	579	1,979	2,322	28,133	...	243
1926-27	446	2,506	570	82,702	...	...
1925-26	342	2,520	666	10,132	...	...

STATEMENT III.

Demarcation and maintenance of boundaries.

Province.	Length of boundaries artificially demarcated during the year.	Length of previously existing boundaries repaired.	Length of previously existing boundaries not repaired.	Total length of artificially marked boundaries at the close of the year.	Length of boundaries not demarcated at the close of the year.	Length of natural boundaries not requiring artificial marks.	Total length of boundaries at the close of the year.	Expenditure on demarcation during the year.	
								On new work.	On repairs.
1	2	3	4	5	6	7	8	9	10
	Miles.	Miles.	Miles.	Miles.	Miles.	Miles.	Miles.	Rs.	Rs.
Bengal . . . .	...	1,056	1,627	2,683	125	1,170	3,984	...	8,717
United Provinces .	4	2,919	5,718	8,641	2	2,853	11,496	2,292	9,715
Punjab	23	1,719	6,670	8,372	3	1,398	9,773	162	5,722
Burma	191	3,537	13,627	17,355	271	3,394	21,020	3,861	33,500
Federated Shan States	46	493	862	1,311	...	561	1,902	1,531	2,187
Bihar and Orissa .	221	2,952	2,176	4,849	.	384	5,233	1,599	2,660
Assam	19	1,218	1,310	2,577	11	2,341	4,929	915	10,069
Central Provinces .	251	5,826	25,866	31,916	60	3,351	35,357	396	18,901
Coorg . . . .	...	59	116	469	...	67	536	...	1,176
North-West Frontier Province.	...	217	590	777	...	139	916	...	1,307
Ajmer . . . .	...	1	233	233	...	158	391	...	47
Baluchistan . . .	...	2	458	460	...	77	537	25	39
Andamans . . . .	...	...	...	36	36	23	59	...	...
Madras	251	16,477	6,025	22,721	384	2,413	25,518	5,974	5,113
Bombay	161	25,029	13,210	38,190	45	2,710	41,155	1,219	4,210
1929-30 .	1,173	61,499	78,088	140,860	937	21,015	162,806	17,971	1,03,363
1928-29 .	1,523	62,759	76,327	140,633	893	21,061	163,419	20,759	1,16,120
Total { 1927-28 .	816	63,675	75,613	136,037	1,057	20,936	162,011	16,509	1,07,783
1926-27 .	1,095	63,936	76,880	141,769	1,134	20,713	163,580	25,996	99,782
1925-26 .	438	66,957	79,504	149,412	1,405	20,872	171,619	9,849	1,05,757

STATEMENT IV.

Forest survey operations from 1st April 1929 to 31st March 1930.

Province.	Forest surveyed.	Nature of survey operations.						Total area of detail survey.		Expenditure of the year including mapping and publishing charges debitable to Forests.	Remarks.
		1"		2"		4"					
		Area	Cost rate	Area	Cost rate.	Area.	Cost rate	1929-30.	Total up to date		
1	2	3	4	5	6	7	8	9	10	11	12
										Rs. A P.	
Andamans	...	...	..	...	.	...	..	...	527 0	.....
Assam	...		..	...	...	...	..	.	5,684 1	....
Bengal	Buxa	141 5		..	..	..	...	546 9	5,293 6	..	
	Kalimpong	200 2	...	...	...	...	...			..
	Jalpaiguri	204 8	...	...	...	..	.			..
	Kurseong	0 4	...	...	..	..	...			..
Bihar and Orissa.	Hazaribagh	56 73	.	...	...	...	...	(a) 16 73	2,413 78	225 0 0	(a) All these surveys were supplementary, cost of survey is not debitable to Forest Department 49 miles 32 chains of boundary survey were done on 4-inch scale, cost of which is paid for by Forest Department.
	Puri	217 1	...	...	...	...	...	247 1			
	Palamau	...	...	...	...	..	..	...
N.-W. F. P.	...	...	...	...	...	...	...	...	465 00	....
Baluchistan	...	...	..	...	...	...	...	...	211 30	....
Punjab	Changa Manga	...	...	..	.	...	.	...	1,355 00	(b) 82 0 0	(b) Expenditure incurred during 1929-30 on completion of the work mentioned in the Statement IV for 1928-29.
United Provinces.	...	...	.	...	...	...	...	...	7,142 70	....
Ajmer	...	...	..	..	...	...	...	..	172 04	...	
Madras	Lower Godavari	...	...	..	...	...	...	...	18,211 00	...	
India	...	..	...	..	..	...	...	...	..	.....
Coorg	...	...	..	..	...	...	...	...	478 00	..	
Central Provinces.	...	...	...	..	...	..	...	...	10,535 00	.....
Bombay	...	...	...	...	...	...	...	...	13,232 90	..	
Burma	Thayetnyo	(d) 342	...	...	..	(c) 2 65	65 3	341 65	108	8	(c) Rs. 238 cost of contouring and correcting the old map debitable to Forest Department Cost is for period 1st April 1929 to 31st March 1930 area is for period 1st July 1929 to 30th June 1930.
	Minbu	(dd) 108	...	..	...	...	.	108			
	Ma	(dd) 8	...	...	...	..	...	8			
											(d) 266 L. M. of traverse survey was done for 4-inch Survey cost of this survey Rs. 1,347 is debitable to Forest Department.

STATEMENT IV—*contd.*Forest survey operations from 1st April 1929 to 31st March 1930—*contd.*

Province.	Forest surveyed.	Nature of survey operations.						Total area of detail survey.		Expenditure of the year including mapping and publishing charges debitable to Forests.	Remarks.
		1 st		2 nd		4 th		1929-30.	Total up to date.		
		Detail survey.		Detail survey.		Detail survey.					
1	2	Area.	Cost rate.	Area.	Cost rate.	Area.	Cost rate.	9	10	11	12
Burma—contd.	Upper Chinthein (f)	.	.	..	..	115 88	...	115 88		Rs. A P.	(d) Part of the topographical programme not chargeable to Forest Department.
	Katha (i)	d.) 174	.	.	.	468 1	...	174			(e) Includes 9.77 sq. miles of unclassified forests Rs. 31,545 cost of 138.11 sq. miles is debitable to Forest Department.
	Mansi (g)	(dd) 9	.	...	.	112 22	...	151 21			(f) Including 154.7 L. M. of forest boundary theodolite traversing and 173.3 L. M. of internal and connection traversing.
									23,517.79	243,784 0 0	(g) 43.5 L. M. of boundary survey and 30.7 L. M. of internal connection and 7.25 L. M. of planetable traverses were done. Rs. 1,25,279 cost debitable to Forest Department, including 142.22 sq. miles on 4 inch survey of Mansi Division.
	Tharrawaddy (h)	..	...	.	..	...	..	.			(h) 17.4 L. M. of boundary survey were done and cost of survey Rs. 837 is debitable to Forest Department.
	Henzada and Maubin	..	...	..	...	.	..	...			(i) Cost of survey to end of field season 1928-29 (area reported in Statement IV last year) Rs. 18,923 debitable to Forest Department.
	South Arakan	...	..	..	...	...	..	...			(j) Cost of mapping and survey Rs. 5,516 for 39 sq. miles of Intagay R. and 6 sq. miles of Pyinma Extn. Reserve (for season 1928-29 as shown in Statement No. IV last year) is debitable to Forest Department.
	South Pegu (j)	...	..	..	...	...	..	...
	Insein	.	..	.	...	...	..	...
	Magway	...	...	...	...	...	..	...
	Mektila	...	..	...	...	...	...	...
	Yamethin	...	..	...	...	...	...	...
	Prome	...	...	...	...	...	...	...
	Delta	...	...	...	...	...	...	...
	Thabele	...	..	...	...	...	...	...			Contributions to Forest Map Office by Provincial and Central Governments.
Total 1929-30	1st April 1929 to 31st March 1930.	1101.73	...	...	...	200.75	...	1782.45	104,382.21	Rs. A P. 2,14,091 0 0	Rs. 35,000
" 1928-29	1st April 1928 to 31st March 1929.	1051.59	...	122	...	300.52	...	1474.11	102,513.73	2,50,701 0 0	36,000
" 1927-28	1st April 1927 to 31st March 1928.	1271.50	...	38	...	1773.62	..	3083.32	101,075.62	2,25,339 0 0	30,000
" 1926-27	1st April 1926 to 31st March 1927.	177.00	...	713	...	162.00	...	1982.00	97,082.00	2,19,371 6 0	30,000
" 1925-26	1st April 1925 to 31st March 1926.	382.00	...	215	...	109.00	...	1006.00	90,000.00	2,16,983 2 0	50,000

STATEMENT V.

Progress made in working plans.

PROVINCE.	Area under sanctioned working plans.					Area not under working plans.				Revisions.			
	At commencement of the year.	Added during the year	Deducted during the year.	At close of year.		Plans under preparation	Plans not under preparation			Due or required	In progress at the end of the year	Revised plans sanctioned during the year.	Expenditure on working plans during the year.
				Actual area.	Percentage of total forest area (as shown in column 10).		Required at present.	Not required at present.	Total forest area in Statement I. (Total of columns 5, 7, 8 and 9.)				
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Sq. m.	Sq. m.	Sq. m.	Sq. m.		Sq. m.	Sq. m.	Sq. m.	Sq. m.	Sq. m.	Sq. m.	Sq. m.	Rs.
Bengal	6,811	...	1	6,810	64	46	...	3,727	10,583	...	4,821	...	6,542
United Provinces	4,972	14	2	4,984	...	153	...	80	5,217	...	1,208	535	46,134
Punjab	2,508	53	8	2,553	48	147	1	2,621	5,322	645	963	...	897
Burma	18,915	1,087	35	10,967	68	4,393	2,542	2,185	(a) 29,487	195	3,652	737	60,680
Federated Shan States	1,136	127	7	1,256	49	126	..	1,799	(a) 3,174	56	244	...	95
Bihar and Orissa	2,044	...	...	2,044	67.41	205	..	783	3,032	...	285	...	..
Assam	216	..	...	216	..	1,954	2,488	16,148	20,830	324	234	..	5,236
Central Provinces	17,508	308	303	17,508	90	732	375	1,026	19,641	1,313	2,765	182	...
Cooch	519	...	...	519	100	..	..	...	519	519	140	...	268
North-West Frontier Province	245	...	...	245	100	...	...	..	245	...	76	...	162
Ajmer	141	..	..	141	100	..	...	...	141	...	...	...	...
Daluchistan . . . . .	...	..	..	...	..	..	...	788	788	..	..	..	...
Andamans	708	..	...	708	32.4	...	...	1,482	2,190	..	...	...	...
Madras	7,039	1,681	..	8,700	51.9	3,348	3,686	...	(b) 16,674	..	..	...	...
Bombay	8,319	725	210	8,864	71	265	272	3,183	(c) 12,551	444	1,173	503	5,661
TOTAL 1929-30	71,141	3,975	571	74,545	57.1	11,369	9,364	31,180	130,397	3,796	15,561	1,957	1,25,877
.. 1923-29	66,565	7,744	1,439	72,870	55.2	12,468	7,271	59,463	131,908	2,977	10,279	5,886	1,41,709
.. 1927-23	63,491	1,953	126	65,215	41.7	10,695	13,253	42,409	132,310	2,901	17,206	1,282	88,823
.. 1926-27	60,039	1,021	316	63,717	47.8	10,254	14,164	44,335	133,185	5,125	13,698	1,564	2,08,296
.. 1925-26	61,439	303	269	60,950	46.2	10,855	17,412	42,761	132,682	4,785	8,700	251	1,74,566

(a) Excluding unclassified forests

(b) Includes 2262 square miles of Panchayat forests not managed by Forests Deptt. and 27 square miles of leased forests, which if added, will agree to the total shown in Col. 3 of Statement I

(c) Includes 23 square miles of Kanara Coast Division, which if added to figures shown in column 6 of Statement I (after deducting 2,536 square miles not under Forest Department) will agree with this total.

STATEMENT VI.

Expenditure on communications and buildings.

Province.	New Works		Repairs.		Other Works	Total.
	Buildings.	Roads and paths.	Buildings.	Roads and paths.		
	2	3	4	5	6	7
1	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Bengal	66,022	15,989	34,797	45,853	17,554	1,79,715
United Provinces	1,27,147	20,217	1,17,230	1,45,560	28,480	4,44,634
Punjab	49,774	35,695	27,335	34,387	10,654	1,57,845
Burma	1,66,380	2,23,006	1,24,594	1,96,428	42,430	7,52,838
Federated Shan States	16,133	9,609	5,202	4,938	1,444	37,326
Bihar and Orissa	71,115	21,757	29,211	41,712	19,795	1,83,590
Assam	70,660	1,22,861	58,761	2,18,338	29,655	5,00,295
Central Provinces	58,871	83,689	70,180	90,987	35,042	3,47,769
Coorg	27,283	12,737	5,719	6,237	3,108	55,034
North-West Frontier Province	9,418	17,154	4,070	5,453	1,599	37,699
Ajmer	2,211	698	665	1,981	366	5,311
Baluchistan . . . . .	...	35	403	60	...	498
Andamans	38,767	1,561	9,267	1,671	15,587	66,853
Madras	25,10,830	15,72,065	65,191	1,02,615	1,48,488	44,00,109
Bombay	58,91	1,50,625	37,535	1,19,209	20,893	3,86,673
Total 1929-30	32,73,522	22,94,638	5,90,160	10,23,334	3,74,595	75,56,269
„ 1928-29	9,88,396	8,98,325	6,07,229	8,82,007	3,30,695	37,07,252
„ 1927-28	11,04,650	7,30,363	5,95,873	9,93,460	2,51,631	36,75,977
„ 1926-27	9,46,939	8,27,657	5,51,743	8,85,997	2,56,612	24,71,948
„ 1925-26	5,76,767	5,32,833	5,16,251	7,68,474	2,19,498	26,65,828

STATEMENT VII.

Breaches of forest rules.

Provinces.		Cases pending from 1922-23.	New Cases of the year.					Total cases	Disposed of during the year.						Cases pending at close of year.
			Injury to forest by fire	Unauthorized felling or appropriation of wood and minor forest produce	Grazing without permission, or in tracks in which grazing is prohibited.	Other offences.	Total new cases of the year		Conviction.		Acquittals.		Total.		
									Cases.	Persons.	Cases.	Persons.	Cases.	Persons.	
1		2	3	4	5	6	7	8	9	10	11	12	13	14	15
Punjab	A	81	..	165	20	64	249	330	136	307	42	147	178	314	131
	B	80	3	1,512	1,823	1,357	4,730	4,810	4,734	8,412	6	8	4,740	8,420	51
	C	...	13	300	4	14	331	331	...	...	...	...	...	...	...
	Total	161	16	2,077	1,852	1,435	5,310	5,471	4,870	8,779	48	155	4,918	8,934	181
United Provinces	A	57	14	32	24	37	107	164	107	414	20	51	127	165	37
	B	590	102	1,737	1,893	989	4,721	5,311	4,224	11,511	449	1,147	1,673	12,661	638
	C	...	178	51	3	21	256	256	...	..	...	...	...	..	...
	Total	647	294	1,823	1,920	1,047	5,084	5,731	4,331	11,923	469	1,198	4,800	13,126	675
Punjab	A	1,176	22	357	779	557	1,775	2,911	1,493	2,379	264	600	1,762	2,983	677
	B	2,258	42	2,023	5,359	3,896	11,550	13,635	13,121	15,160	..	..	13,121	15,160	490
	C	...	154	79	19	54	306	306	...	..	...	...	...	...	...
	Total	3,434	218	2,459	6,357	4,537	13,631	17,065	14,622	20,539	264	600	14,886	21,148	1,167
Bihar	A	..	1	1,152	60	311	1,521	2,231	1,519	2,141	183	370	1,657	2,511	...
	B	..	7	7,081	372	2,289	9,749	11,143	9,014	10,907	...	...	9,014	10,907	...
	C	...	...	76	2	20	98	98	...	...	...	...	..	..	...
	Total	*2,156	8	8,309	434	2,620	11,371	13,527	10,563	13,048	183	370	10,701	13,418	*2,208
Federated Shan States.	A	..	...	4	4	2	10	10	8	11	...	...	8	11	...
	B	...	1	95	29	51	176	192	152	232	...	...	152	232	...
	C	..	...	...	..	..	...	..	..	..	...	...	...	..	...
	Total	*16	1	99	33	53	186	202	160	243	...	..	160	243	*17
Bihar and Orissa	A	19	10	156	35	47	249	267	154	484	33	133	187	617	45
	B	105	3	1,961	299	116	2,379	2,484	2,269	6,286	...	...	2,280	6,286	181
	C	...	99	18	..	...	112	112	..	...	...	...	..	...	...
	Total	124	112	2,130	334	163	2,739	2,883	2,413	6,770	33	133	2,476	6,903	226
Assam	A	63	1	117	15	111	274	337	205	315	22	76	227	391	110
	B	181	2	1,145	56	511	1,714	1,895	1,629	2,315	14	43	1,613	2,358	252
	C	...	...	...	..	...	..	..	..	...	...	...	..	...	...
	Total	244	3	1,492	71	622	1,988	2,232	1,831	2,630	36	119	1,670	2,749	362
Central Provinces.	A	45	5	162	131	57	295	340	244	545	53	221	297	769	43
	B	1,515	141	7,129	9,180	813	17,238	19,081	17,175	41,866	4	5	17,179	41,871	1,902
	C	...	162	557	105	69	1,214	1,214	...	..	..	..	...	..	...
	Total	1,660	611	7,818	9,416	939	18,775	20,635	17,419	47,411	57	229	17,476	45,610	1,945
Coorg	A	..	...	..	..	3	3	3	3	5	..	...	3	5	..
	B	...	...	3	13	7	23	23	17	19	6	21	23	40	..
	C	...	...	..	..	..	..	..	...	...	...	...	..	..	..
	Total	...	...	3	13	10	26	26	20	24	6	21	26	45	..
North West Frontier Province.	A	129	6	146	102	16	263	303	177	333	29	125	217	458	171
	B	7	5	1,559	2,162	51	3,780	3,787	3,787	5,326	..	..	3,787	5,326	..
	C	...	10	...	1	..	11	11	..	...	...	..	..	..	..
	Total	136	21	1,669	2,265	70	4,053	4,191	3,961	5,659	40	125	4,004	5,784	171

* Bihar and Federated Shan States have not shown separately "A", "B" and "C" in columns 2 and 15. They have given the totals only.

STATEMENT VII.—*contd.*Breaches of Forest rules—*contd.*

Province.		Cases pend- ing from 1928-29.	New Cases of the year.					Total cases.	Disposed of during the year.						
			Injury to forest by fire.	Unauthorised felling or appropriation of wood and minor forest produce.	Grazing without per- mission, or in tracts in which grazing is prohibited.	Other offen- ces.	Total new cases of the year.		Convictions.		Acquittals.		Totals.		Cases pend- ing at close of year
									Cases.	Persons.	Cases.	Persons.	Cases.	Persons.	
1		2	3	4	5	6	7	8	9	10	11	12	13	14	15
Ajmer . . .	A.	...	...	4	8	...	12	12	8	11	1	4	9	5	3
	B.	...	8	364	1,376	12	1,760	1,760	1,760	3,884	...	...	1,760	3,894	...
	C.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total .	...	8	368	1,384	12	1,772	1,772	1,768	3,895	1	4	1,769	3,899	3
Baluchistan . .	A.	12	1	4	11	...	16	28	12	21	6	7	18	28	10
	B.	...	1	35	266	3	305	305	305	392	...	...	305	392	...
	C.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total .	12	2	39	277	3	321	333	317	413	6	7	223	420	10
Andamans . . .	A.	...	...	4	...	...	4	4	3	4	...	...	3	4	1
	B.	...	...	5	...	...	5	5	5	6	...	...	5	6	...
	C.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total .	...	...	9	...	...	9	9	8	10	...	...	8	10	1
Madras . . .	A.	1,428	49	3,384	765	348	4,546	5,974	2,423	6,404	2,491	6,265	4,854	12,669	1,129
	B.	3,699	160	13,723	2,430	1,371	17,634	21,853	15,435	29,829	2,373	5,550	17,808	34,870	3,575
	C.	2	692	877	29	17	1,115	1,117	...	...	...	...	...	...	...
	Total .	5,129	901	17,484	3,422	1,736	23,345	28,474	17,858	35,733	4,864	11,815	22,662	47,548	4,695
Bombay . . .	A.	173	28	151	100	64	343	516	355	825	35	81	390	906	126
	B.	1,743	265	8,631	6,172	2,521	17,589	19,337	17,181	40,225	2	4	17,183	40,229	2,154
	C.	42	1,814	1,608	112	61	3,593	3,640	...	...	...	...	...	...	...
	Total .	1,958	2,107	10,390	6,384	2,649	21,530	23,493	17,536	41,050	37	85	17,573	41,135	2,280
GRAND TOTAL	A.	3,188	137	5,832	2,054	1,647	9,670	13,611	6,882	14,250	3,055	8,092	9,967	22,851	2,479
	B.	10,468	749	47,033	31,665	13,390	93,491	105,329	90,631	181,873	2,851	6,778	93,683	188,651	9,243
	C.	44	3,422	3,094	275	250	7,041	7,085	...	...	...	...	...	...	...
Total 1929-30		13,710	4,302	55,959	33,994	15,887	110,142	126,025	97,713	196,132	5,939	14,870	103,632	211,602	11,722
„ 1928-29.		12,770	14,737	58,451	34,880	14,388	112,456	128,004	96,584	193,820	5,094	13,866	101,745	207,186	13,820
„ 1927-28		13,338	4,806	57,518	35,016	13,291	110,221	125,296	97,561	197,064	6,051	14,081	103,612	211,145	13,035
„ 1926-27		12,424	4,005	57,363	36,033	12,053	110,160	124,647	95,676	198,907	5,615	14,030	101,291	212,957	13,329
„ 1925-26		14,627	4,270	54,554	36,126	11,719	106,620	119,950	93,921	198,823	6,507	17,273	100,433	215,796	14,608

N. B.—A. Cases taken into Court,
B. Cases compounded.
C. Undetected cases.

STATEMENT VIII.

Area protected from fire.

Province.	Area in square miles		Percentage of forest under fire protection to total area of reserves.	Percentage of failure to area attempted.		Remarks.
	Attempted.	Protected.		Average of past five years to 1928-29.	1929-30	
1	2	3	4	5	6	7
Frugal	1,530	1,523	23.6	0.7	0.1	
United Provinces	3,302	3,165	61.3	1.8	4.1	
Punjab	1,201	1,189	78.2	1.05	0.9	
Burma	165	156	0.53	7.1	6.4	
Federated Shan States	9	9	0.28	...	...
Bihar and Orissa	1,546	1,459	81.1	4.3	5.6	
Assam	30	29	0.47	44.9	3.3	
Central Provinces	19,538	12,909	66.7	5.04	4.6	
Cooch	186	185	85.6	0.4	0.5	
North-West Frontier Province	86	83	33.8	4.5	3.5	
Ajmer	140	110	99.3	0.14	...	
Madrass	15,186	14,428	76.1	3.2	4.0	
Patna	9,259	8,717	63.5	4.1	5.8	
1911-1929	40,178	43,907	40.9	3.6	4.7	
1929-30	33,935	41,903	41.1	3.6	4.5	
1917-28	42,172	50,205	39.9	2.2	4.6	
1911-27	38,814	57,653	5.9	2.0	2.9	
1928-29	41,951	40,511	39.6	5.7	28.0	

STATEMENT IX.

Causes of forest fires.

Province.	Fires originating in Departmental fire conservancy operations.		External fires crossing the fire traces.		Fires due to carelessness of outsiders.		Fires originating from intention or malice.		Fires due to unknown causes.		Total.	
1	2	3	4	5	6	7	8	9	10	11	12	13
	No.	Sq. M.	No.	Sq. M.	No.	Sq. M.	No.	Sq. M.	No.	Sq. M.	No.	Sq. M.
Bengal	1	.	2	...	7	..	1	...	5	2	16	2
United Provinces	29	7	53	37	75	13	11	6	96	73	261	136
Punjab	1	...	12	5	152	4	62	7	6	...	233	16
Burma	10	1	10	2	28	3	10	2	10	1	77	9
Federated Shan States . . . . .	...	.	...	...	...	...	.	...	2	...	2	...
Bihar and Orissa	7	2	20	15	23	25	13	4	72	41	135	37
Assam	3	...	...	...	...	...	2	583	...	...	5	583
Central Provinces	59	61	128	237	142	98	3	...	483	231	815	627
Coorg	2	...	4	...	...	...	8	1	5	...	19	1
North-West Frontier Province . . . . .	...	...	1	...	14	...	10	4	...	...	25	4
Ajmer . . . . .	...	...	...	...	9	...	...	...	...	...	9	...
Baluchistan . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Andamans . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Madras	30	8	173	75	312	178	369	161	617	846	1,531	768
Bombay	48	100	149	41	568	137	100	84	1,257	219	2,122	605
Total 1920-30	190	179	552	412	1,560	458	539	852	2,502	937	5,253	2,438
" 1928-29	195	52	629	119	1,513	521	598	182	2,660	928	5,615	2,095
" 1927-28	124	61	535	304	1,335	414	820	564	2,139	722	4,930	2,065
" 1926-27	246	78	461	142	1,817	268	679	165	1,817	645	4,523	1,260
" 1925-23	152	33	591	178	1,281	317	503	123	1,898	620	4,418	1,271

STATEMENT X.

Area closed and open to grazing.

Area in Square Miles.								
Province.	Closed to all animals.		Open to grazing.				Total area as shown in Statement No. I. (Col. C).	
	Whole year.	Part of year.	Of all animals.		Of all animals except horses (camels, sheep and goats).			
			Whole year.	Part of year.	Whole year.	Part of year.		
1	2	3	4	5	6	7	8	
Punjab	6,329	...	4,128	...	120	...	10,553	
United Provinces	2,063	72	2,232	10	807	28	5,217	
Punjab	470	59	4,252	110	389	90	5,229	
Burma	22,103	...	68	185	2,543	4,503	121,580	
Federated Shan States	2,230	...	...	75	808	61	24,631
Bihar and Orissa	618	...	622	...	1,611	278	3,032	
Assam	4,200	...	14,968	...	1,572	...	20,820	
Central Provinces	2,820	51	3,621	9	13,249	41	19,641	
Cooch	70	440	...	...	...	440	519
North-West Frontier Province	63	...	8	...	174	...	245	
Ajmer	57	81	...	...	3	81	141
Baluchistan	173	...	83	32	...	23	233	
Andamans	52	...	...	...	...	358	2,190
Madras	1,752	29	13,022	165	507	9	19,233	
Madras	1,603	298	3,411	...	9,672	15	14,904	
Total	1920-20	44,619	1,030	46,303	683	31,202	5,932	219,154
	1928-29	44,800	1,070	45,747	670	31,633	5,607	219,822
	1927-28	44,677	1,672	47,851	899	31,023	5,400	183,351
	1926-27	44,607	1,707	51,291	641	20,401	5,236	124,014
	1915-16	45,119	1,731	50,240	573	20,470	5,079	133,502

STATEMENT XI.
Protection from Cattle.

STATE
Protection

Province.	Grazed on payment, number of animals.									
	At full rates.					At privileged rates.				
	Buffaloes.	Cows and bullocks.	Goats and sheep.	Camels.	Other animals.	Buffaloes.	Cows and bullocks.	Goats and sheep.	Camels.	Other animals.
1	2	3	4	5	6	7	8	9	10	11
Bengal	2,948	22,310	219	...	54	567	16,241	...	...	2
United Provinces	61,148	167,289	118,734	3,355	2,404	7,322	30,246	21,242	...	75
Punjab	15,944	32,740	419,104	42,138	1,057	249	8,463	335,045	...	256
Burma	4,308	27,058	...	...	17	...	...	...	...	...
Federated Shan States	3,790	1,312	...	...	60	...	...	...	...	...
Bihar and Orissa	6,477	28,104	1,708	...	...	4,841	2,566	...	...	...
Assam	12,316	7,023	174	...	49	312	...	...	...	...
Central Provinces	285,096	736,881	392,637	12	3,741	140,682	1,871,838	1,708	...	28
Coorg	381	3,810	...	...	...	...	...	...	...	...
North-West Frontier Province	2,926	4,633	148	..	30	...	...	...	...	...
Ajmer	1,200	10,500	...	...	...	3,411	25,190	...	...	...
Baluchistan	53	1,524	5,115	...	554	...	...	...	...	...
Madras	84,720	1,136,475	1,035,259	...	87	18,950	115,587	84,413	1	...
Bombay	24,702	102,035	58,271	373	7,142	248,498	1,039,038	432,941	18	4,166
Total 1929-30	506,117	2,272,384	2,031,369	45,878	15,194	428,243	3,099,178	875,249	18	4,528
" 1928-29	501,532	2,171,060	2,075,638	24,870	12,669	412,668	3,112,907	969,833	180	3,696
" 1927-28	495,806	2,142,272	1,902,245	57,641	14,667	396,818	3,082,466	1,046,694	...	4,146
" 1926-27	403,666	1,822,538	1,517,086	110,404	13,150	383,373	3,022,782	971,465	396	4,239
" 1925-26	433,186	3,249,584	1,635,230	39,670	13,483	372,472	2,967,923	1,012,376	1,139	4,547

MENT XI.

from cattle.

Grazed free, number of animals.											Total number of animals grazed.
By right under settlement.					During pleasure of Government or otherwise than under settlement.						
Buffaloes.	Cows and bullocks.	Goats and sheep.	Camels.	Other animals.	Buffaloes.	Cows and bullocks.	Goats and sheep.	Camels.	Other animals.		
12	13	14	15	16	17	18	19	20	21	22	
...	...	...	...	...	1,095	3,452	3	...	20	46,911
42,736	458,551	44,177	...	1,751	6,989	37,203	61,409	...	191	1,055,125	
132,109	658,589	1,337,253	325	199,162	4,818	27,556	...	30	2,702	3,217,925	
141,611	294,259	...	...	1,453	15,113	1,267	...	..	10,540	496,256
1,349	10,997	...	...	...	905	...	...	...	314	18,658
36,440	229,175	69,437	...	21	586	1,193	335	...	...	370,833
29	89	...	...	...	6,415	9,427	5,907	...	...	41,769
...	375	...	...	...	1,657	242,095	131	...	175	3,677,056
4	601	...	...	...	1,477	16,263	...	...	...	22,436
5,366	6,039	...	...	...	...	...	...	...	...	19,562
411	2,043	...	...	...	...	...	...	...	...	32,983
...	3,310	53,226	1	1,193	...	...	...	...	...	61,976
1,655	12,418	4,121	...	150	7,766	62,499	269	...	...	2,564,671
2,478	5,635	...	...	11	85,153	436,180	784	1,028	2,576	2,451,030
324,210	1,692,849	1,498,511	326	204,011	132,329	837,135	68,638	1,078	16,139	14,080,484	
396,494	1,710,456	1,513,008	326	203,400	186,931	845,151	66,130	1,033	10,700	14,173,503	
389,684	1,687,010	1,468,673	320	193,418	146,931	813,769	70,530	9,752	17,158	13,971,011	
403,607	1,667,932	1,429,949	286	188,114	136,853	817,56	71,250	8,608	18,582	13,080,897	
488,012	1,739,834	1,451,439	286	190,311	139,600	825,474	69,778	5,173	18,000	13,561,511	

STATEMENT XII.

Progress on reproduction and afforestation.

Province.	Area under rege- neration at close of year.	Area on which rege- neration was completed during the year.	Plantations not under working plans added during the year.	Expenditure during the year.
1	2	3	4	5
	Acres.	Acres.	Acres.	Rs.
Bengal	734	2,177	14	71,172
United Provinces	210,829	11,860	...	1,68,657
Punjab	16,022	4,311	395	2,74,908
Burma	1,831	2,774	*	1,49,001
Federated Shan States	355	425	*	39,604
Bihar and Orissa	16,280	13,045	284	11,372
Assam	1,250	...	2,038	26,168
Central Provinces	17,289	503	2,533	10,640
Coorg	663	319	216	28,037
North-West Frontier Province	7,707	...	...	5,292
Ajmer	17,140	1,712	...	329
Baluchistan	78	...	8	1,548
Andamans . . . . .	...	...	60	11,232
Madras	1,830	645	1,756	55,611
Bombay	29,959	51,215	12,413	77,593
Total 1929-30	321,497	83,982	19,817	9,31,164
" 1928-29	371,903	84,039	16,321	8,91,455
" 1927-28	304,210	57,349	18,033	8,21,113

*Included in Col. 3.

STATEMENT XIII.

Outturn of forest produce.

Province.	Reserved Forests.		Protected Forests.		Unclassed Forests.		TOTAL.		Average Outturn per Square Mile.							
	Timber and fuel.	Minor produce.	Timber and fuel.	Minor produce.	Timber and fuel.	Minor produce.	Timber and fuel.	Minor produce.	Reserved Forests.		Protected Forests.		Unclassed Forests.		TOTAL.	
									Timber and fuel.	Minor produce.	Timber and fuel.	Minor produce.	Timber and fuel.	Minor produce.	Timber and fuel.	Minor produce.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	C. ft.	Rs.	C. ft.	Rs.	C. ft.	Rs.	C. ft.	Rs.	C. ft.	Rs.	C. ft.	Rs.	C. ft.	Rs.	C. ft.	Rs.
Bengal	(a) 29,019,000	(a) 4,72,069	369,000	4,163	1,623,000	50,965	30,031,000	5,36,237	4,334	79	576	6	471	17	2,638	50
United Provinces	(b) 30,459,000	(b) 15,30,644	13,000	625	65,000	4,649	30,524,000	15,42,118	5,899	297	3,250	156	1,800	97	5,653	295
Punjab	(b) 10,116,000	(c) 12,04,841	16,730,000	15,02,894	5,351,000	93,020	31,630,000	26,10,764	6,659	862	5,020	400	9,044	168	5,639	506
Burma	37,513,000	4,45,461	...	...	60,510,000	4,23,782	98,323,000	8,69,203	1,272	16	...	...	658	6	807	7
Federated Shan States	3,040,000	23,631	...	...	2,230,000	5,78,162	4,599,000	601,933	631	7	...	...	105	27	198	26
Bihar and Orissa	5,106,000	1,20,395	5,039,000	1,14,310	...	...	11,095,000	2,34,705	2,871	67	4,820	93	...	...	9,659	77
Assam	(e) 6,245,000	(e) 2,04,040	...	...	11,007,000	6,06,603	17,252,000	9,60,603	1,016	43	...	...	740	47	828	46
Central Provinces	(b) 41,633,000	(b) 33,09,316	...	...	...	...	11,033,000	33,09,316	2,135	168	...	...	...	...	2,135	168
Coorg	363,621	87,435	147,600	257	...	...	511,421	37,722	700	72	...	...	...	...	965	72
North-West Frontier Province	(f) 3,542,000	91,720	...	...	...	...	3,642,000	91,720	14,457	374	...	...	...	...	14,457	374
Ajmer	494,533	55,134	...	...	...	...	494,533	55,134	3,436	391	...	...	...	...	3,436	391
Baluchistan	244,556	45,729	...	...	120,561	15	365,117	45,744	774	144	...	...	256	...	453	58
Andamans	161,633	2,893	...	...	3,569,789	8,115	3,671,643	11,038	3,426	56	...	...	1,535	4	1,630	5
Madras	(b) 29,066,000	13,74,076	...	...	(g) 3,000,000	6,09,007	24,066,000	19,74,983	1,057	72	...	...	14,741	2,226	1,247	102
Bombay	(b) 21,047,000	21,05,709	80,168,000	16,743	657,000	...	51,690,000	21,23,443	1,534	163	25,530	14	...	...	3,481	142
TOTAL 1921-29	209,009,632	1,11,89,123	52,703,896	14,39,022	80,369,637	24,61,803	350,007,059	1,50,83,045	1,036	104	8,363	223	658	18	1,405	60
" 1929-30	271,028,066	1,04,07,130	51,847,959	11,77,312	101,073,035	52,03,639	350,928,055	1,51,78,316	2,190	97	8,695	294	730	23	1,56	60
" 1937-38	247,889,325	1,02,04,058	25,000,187	11,71,621	97,086,255	35,43,761	370,178,767	1,41,16,365	2,348	17	3,277	192	709	16	1,450	57
" 1923-27	248,249,911	60,01,693	21,486,107	25,42,038	92,309,685	29,84,282	302,078,900	1,47,67,903	2,356	83	2,191	202	609	21	1,433	5
" 1925-26	241,011,023	22,26,376	25,063,185	23,03,410	94,730,893	27,73,276	311,704,651	1,15,00,761	2,291	84	3,089	274	682	10	1,439	55

(a) Includes leased lands.
 (b) " " Forests.
 (c) " " Rs. 335 on account of fruit culture.
 (d) " " 80,852 on account of resin profit for 1928-29.
 (e) " " Shared forests.
 (f) " " Quarantined forests.
 (g) Reserved and unreserved lands.

(h) Small wood—
 Kh. Mds. lbs.
 401 3 1 scented wood.
 175 c.ft.
 178 acres.
 200 c. ft. rejected stuff.
 Kh. Mds. lbs.
 102 5 11 Do.
 91 0 7 Bachi chalay.
 701 c. ft. Do.
 4,400 c. ft. Kodli chalay.
 9,310 trees, roots, branches, bluffs.

STATEMENT XIV.

Forest produce removed by different agencies.

Part I.—Timber and Fuel.

Province.	Timber.					Fuel.				
	By Govern- ment.	By purchasers	By free grantees.	By right holders.	TOTAL.	By Govern- ment.	By purchasers	By free grantees	By right holders.	TOTAL.
	1	2	3	4	5	6	7	8	9	10
	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.
Bengal	619,000	15,578,000	27,000	...	16,322,000	919,000	12,064,000	635,000	...	13,702,000
United Provinces	329,000	6,827,000	51,000	851,000	8,060,000	517,000	8,030,000	1,031,000	12,870,000	22,477,000
Punjab	1,577,000	2,067,000	122,000	1,039,000	4,805,000	1,756,000	1,491,000	14,000	23,434,000	27,745,000
Burma	3,955,000	37,864,000	141,000	735,000	42,695,000	1,076,000	53,045,000	37,000	1,467,000	55,625,000
Federated Shan States	12,000	3,712,000	9,000	199,000	3,932,000	48,000	673,000	...	210,000	900,000
Bihar and Orissa	244,000	2,128,000	61,000	434,000	2,867,000	199,000	8,281,000	19,000	4,522,000	8,225,000
Assam	1,061,000	7,556,000	661,000	...	9,278,000	378,000	3,020,000	3,660,000	7,000	7,074,000
Central Provinces	7,233,000	3,824,000	289,000	4,600	11,500,000	8,493,000	17,520,000	2,123,000	1,927,000	20,423,000
Coorg	116,500	121,024	...	...	210,184	76,562	194,675	...	...	271,237
North-West Frontier Province	737,000	50,000	4,000	4,000	845,000	809,000	353,000	1,220,000	315,000	2,077,000
Ajmer . . . . .	...	3,993	...	169	4,162	217,399	264,672	...	...	480,771
Baluchistan	1,072	2,165	921	...	4,158	43,611	317,678	...	...	361,289
Andamans	2,129,633	10,247	41,486	1,037	2,183,003	1,014,385	15,242	331,691	27,667	1,367,185
Madras	1,850,000	2,632,963	195,000	18,000	4,715,000	1,316,000	17,940,000	129,000	6,000	19,531,000
Bombay	1,419,000	4,762,000	131,000	702,000	6,005,000	2,412,000	34,537,000	66,000	7,839,000	47,956,000
TOTAL 1924-25	21,415,465	87,246,029	1,630,407	3,642,106	114,147,007	19,220,657	154,415,567	9,735,691	52,821,627	237,774,082
" 1925-26	21,196,529	144,537,284	1,938,683	6,105,432	173,778,105	23,210,008	133,870,852	8,105,249	51,003,700	217,191,400
" 1926-27	17,705,221	103,005,912	2,204,140	3,970,417	127,077,520	23,770,541	144,237,696	10,112,200	65,003,600	243,020,177
" 1927-28	18,105,708	102,520,313	1,562,615	3,602,007	125,241,533	19,174,772	157,301,870	16,033,330	42,009,600	225,421,772
" 1928-29	6,000,000	71,100,000	1,414,150	4,215,770	67,000,000	14,000,000	157,400,000	8,000,000	54,700,000	225,700,000

STATEMENT XIV—*contd.*Forest produce removed by different agencies—*contd.*

Part II.—Value of minor forest produce.

Province.	Bamboo.					Grazing and Fodder Grass.					Other Minor produce.				
	By Government.	By purchasers.	By free grantees.	By right holders.	Total.	By Government.	By purchasers.	By free grantees.	By right holders.	Total.	By Government.	By purchasers.	By free grantees.	By right holders.	Total.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Bengal	700	1,73,384	571	...	1,55,045	...	31,473	28,675	...	60,154	61,402	2,01,625	3,816	...	3,10,028
United Provinces	227	1,32,254	111	7,377	1,30,047	2,821	1,88,518	11,817	3,22,101	6,28,517	4,08,844	4,01,270	8,701	11,730	8,73,354
Punjab	21,041	9	2	601	22,611	...	1,70,783	47,013	20,18,664	22,15,620	3,50,466	18,240	122	44,893	4,52,621
Burma	670	2,75,491	822	13,507	2,90,840	61	10,045	52,800	1,47,777	22,15,186	6,879	3,31,213	10	25,115	3,03,227
Federated States. Shan . . . . .	...	8,397	...	1,172	9,569	...	4,017	7,380	1,820	17,582	1,307	5,71,044	...	1,731	5,71,072
Bihar and Orissa	2,179	41,514	1,111	3,723	54,727	...	10,007	687	83,844	94,828	4,380	71,086	42	5,719	85,110
Assam	70	72,107	15,162	...	87,269	...	37,618	25,383	119	63,166	6,736	6,25,877	1,76,820	...	8,10,632
Central Provinces	11,740	3,64,483	6,152	5,051	3,60,403	2,747	13,85,341	1,51,142	374	16,00,004	1,00,070	6,50,016	65,048	4,13,083	12,50,713
Cooch	180	1,085	115	...	1,083	...	1,213	4,620	128	6,970	...	20,780	...	...	20,740
North-West Frontier Province. . . . .	...	...	...	...	...	...	3,715	...	4,707	8,482	70,670	5,401	81	1,020	83,238
Ajmer . . . . .	...	1,062	...	...	1,062	2,811	10,000	1,505	27,104	20,630	377	2,456	...	...	3,231
Baluchistan . . . . .	...	...	...	...	...	...	1,284	574	41,470	43,748	4	2,860	3	...	2,866
Andamans . . . . .	...	26	1,804	1,745	3,574	...	...	...	...	...	...	3,120	4,801	244	7,874
Madras	11,723	4,42,003	1,819	577	4,63,772	421	9,45,170	14,498	7,003	9,67,173	21,208	6,27,083	2,170	608	9,53,023
Bombay	273	1,07,034	770	49,771	2,19,184	120	8,13,898	75,270	7,03,181	10,21,626	9,524	21,47,100	4,817	82,637	7,93,734
TOTAL 1920-21	62,662	10,63,051	30,337	67,754	14,53,784	9,112	14,01,417	3,03,111	34,16,010	72,75,891	11,46,405	30,10,376	2,09,140	6,37,677	73,68,916
.. 1921-22	66,620	17,10,791	34,125	81,712	18,01,654	6,990	26,07,677	3,77,653	37,12,754	77,01,893	11,78,810	30,43,251	2,63,647	3,31,648	8,82,959
.. 1922-23	66,100	16,64,114	40,504	40,551	18,30,865	3,597	37,10,521	3,00,270	33,65,811	70,82,134	10,60,149	30,10,053	2,61,018	1,05,044	81,02,164
.. 1923-24	70,167	16,08,690	34,244	77,080	18,69,577	27,079	32,08,027	43,07,116	32,30,690	71,01,771	11,69,171	38,65,027	2,10,673	1,03,404	85,07,775
.. 1924-25	62,629	16,45,769	28,327	25,814	18,60,709	10,517	30,51,297	3,74,263	32,82,077	71,53,120	10,65,046	30,03,080	2,37,018	2,00,013	81,09,283

STATEMENT XV.

Exports of forest produce.

Articles of forest produce. 1	Quantity in tons of 20 cwt. (in the case of teak and other timbers, cubic tons).		Valuation at port of shipment in 1929-30.	
	Average of 5 years 1924-25 to 1928-29.	In 1928-29.	Total	Per ton.
	2	3	4	5
			Rs.	Rs.
Caoutchouc, raw	10,237	11,461	1,78,87,802	1,561
{ Button	1,067	1,203	80,12,077	2,491
Lao { Shell	21,033	21,913	5,87,95,600	2,280
{ Stick, seed and other kinds	6,351	7,324	98,64,317	1,737
Cutch and gambier	2,465	2,203	6,81,035	400
Myrabolams	69,177	61,781	78,11,638	126
Cardamums	348	511	26,30,915	5,149
Sandal	921	943	16,63,716	1,732
Teak	51,718	52,359	1,47,75,403	282
Other kinds of wood and timber*	—	—	13,52,111	—
TOTAL 1929-30 . . . . .	...	...	11,66,41,761	...
" 1928-29 . . . . .	...	...	13,49,27,216	...
" 1927-28 . . . . .	...	...	12,73,43,767	...
" 1926-27 . . . . .	...	...	10,53,50,000	...
" 1925-26 . . . . .	...	...	12,54,97,713	...

* Quantity not recorded.

STATEMENT XV (a).

Year (calendar).	Imports of timber into British India, 1926-1930.		Imports of sleepers of wood for railways into British India, 1926-1930.	
	Cubic tons.	Rs.	Tons.	Rs.
1926	23,104	27,49,637	25,784	31,17,919
1927	26,002	33,41,387	14,701	16,60,677
1928	23,860	28,90,525	1,950	2,27,845
1929	26,544	31,83,922	8	1,232
1930	26,413	36,03,907	...	...

STATEMENT XVI.

Estimated value of forest produce given away free or at reduced rates.

Province.	Timber.	Fuel.	Bamboos.	Grass and grazing.	Other minor produce.	Total.
1	2	3	4	5	6	7
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Bengal	966	56,530	41,597	22	459	99,571
United Provinces	79,000	1,13,000	7,000	..	56,000	2,55,000
Punjab	72,152	7,52,965	...	...	21,10,270	29,35,337
Burma	42,724	448	852	52,300	10	96,834
Federated Shan States	2,058	...	...	7,389	...	9,447
Bihar and Orissa	12,923	556	1,111	934	49	15,576
Assam	41,016	46,582	15,152	26,231	1,78,920	3,07,901
Central Provinces	35,343	82,625	14,241	14,11,019	45,282	15,88,510
Coorg . . . . .	...	...	113	4,516	2	4,631
North-West Frontier Province	1,932	43,136	...	5,868	...	50,936
Ajmer	63	...	...	28,732	...	28,795
Baluchistan	225	...	...	3	...	228
Andamans	3,847	3,280	3,092	...	4,687	14,906
Madras	28,576	15,181	1,727	21,641	2,704	69,829
Bombay	1,11,527	1,61,632	50,547	7,78,511	54,813	11,57,030
TOTAL, 1929-30	4,32,355	12,75,935	1,35,432	23,37,166	24,53,193	66,34,081
„ 1928-29	5,65,802	12,71,552	1,36,383	23,30,938	24,53,827	66,58,502
„ 1927-28	6,02,636	15,10,291	1,45,106	22,67,448	24,33,483	69,58,964
„ 1926-27	5,91,572	14,36,747	1,42,861	21,52,169	24,34,531	67,57,860
„ 1925-26	5,47,210	13,20,108	1,47,125	24,93,462	24,22,153	69,30,058

STATEMENT XVII.

Details of revenue and expenditure for the forest year 1929-30.
(Excluding Burma and Federated Shan States.)

		Rs.	Percentage of each item to total.
Gross Receipts	(a) Wood	2,98,34,411	72.3
	(b) Minor forest produce	38,03,936	9.4
	(c) Forest stamps and Commutation fees for forest produce	79,510	0.1
	(d) Grazing	37,13,930	9.0
	(e) Revenue from forests not managed by Government	1,95,027	0.5
	(f) Miscellaneous	34,69,413	8.4
	Total Revenue	4,09,56,257	—
Expenditure	A. Recurring	(i) Superior Staff	
		(ii) Subordinate Staff (including Rangers, Foresters and Guards).	1,36,32,390
		(iii) Office Establishments (including Contingencies).	54.3
		(1) Extraction	72,22,543
		(2) Roads and Buildings	28.6
		(3) Fire protection	14,96,501
		(4) Cultural operations	5.9
		(5) Live-stock, stores and plant	3,00,697
		(6) Working-Plans	1.2
		(7) Rent for leased forests	7,04,019
		(8) Miscellaneous	2.8
		(c) Expenditure on realization of revenue from forests not managed by Government.	5,44,556
		(d) Forest Science and Education (including all "A" and "B" charges of Imperial Forest College and Research Institute).*	34,110
			0.1
			4,03,424
			1.6
			7,19,055
			2.8
			19,884
			0.0
			22,063
			0.0
		Total	2,50,90,252
			—
	B. Extraordinary	(e) Forest Settlement	16,030
		(f) Forest Survey	18,027
		(g) Forest Demarcation	0.4
		(h) Gain or loss by Exchange on English transactions, interest on capital outlay, etc.	80,390
		(i) Share of Capital charges transferred to S-A	10,15,149
			2.3
			29.6
			22,96,210
			66.9
		Total	34,27,666
			—
		GRAND TOTAL OF EXPENDITURE	2,85,26,918
			—
		Net Revenue	1,24,29,339
		(Excluding Burma and Federated Shan States)	—

* Expenditure under this head in provinces has been included in (a) Administration.

STATEMENT XVII(a).

Details of revenue and expenditure for the forest year 1929-30.

(Burma and Federated Shan States only)

		Rs.	Percentage of each item to total.	
Gross Receipts	(a) Wood	1,55,01,422	76.1	
	(b) Minor forest produce	9,22,956	4.5	
	(c) Grazing	23,186	0.1	
	(d) Revenue from forests not managed by Government	3,68,812	1.8	
	(e) Miscellaneous	35,49,778	17.4	
Total Revenue		2,03,66,104	...	
A Recurring	(a) Administration. {	(i) Superior Staff	52,37,550	76.9
		(ii) Subordinate Staff (including Rangers, Foresters and Guards).		
		(iii) Office Establishments (including Contingencies).		
	(b) Working	(1) Extraction	4,12,588	0.0
		(2) Roads and Buildings	8,61,628	5.3
		(3) Fire protection	33,286	0.5
		(4) Live-stock, stores and plant	2,16,831	3.2
		(5) Working Plans, revision and maintenance.	41,247	0.6
		(6) Maintenance of boundaries	86,484	0.5
		(7) Regeneration and improvement	1,74,484	2.5
		(8) Silvicultural Research	8,835	0.1.
		(9) Utilization Research
		(10) Other Works	1,21,208	1.7
		(11) Miscellaneous	1,57,941	2.3
Total		68,04,582	...	
B Extraordinary	(c) Forest Survey . . . . .	...	...
	(d) Gain or loss by Exchange on English transactions, interest on capital outlay, etc	2,01,505	20.0	
	(e) Share of capital charges transferred to B-A	8,02,505	79.9	
	Total	10,01,013	...	
GRAND TOTAL OF EXPENDITURE		78,08,595	...	
Net Revenue		1,25,57,509	...	
(Burma and Federated Shan States only.)				

Summary of revenue and expenditure of the

Budget Heads.	Imperial.	Bengal.	United Provinces.	Punjab.	Burma (includes Federated Shan States and backward tracts).	Bihar and Orissa (includes Angul Division).	Assam.
1	2	3	4	5	6	7	8
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
REVENUE.							
I.—Timber and other produce removed from the forests by Government agency.	...	6,80,934	8,89,626	22,13,596	16,66,049	22,236	10,59,352
II.—Timber and other produce removed from the forests by consumers or purchasers.	...	22,20,057	49,49,895	3,71,001	1,44,64,759	9,24,539	21,59,632
III.—Drift and waif wood and confiscated forest produce.	..	20,306	3,081	1,38,852	2,96,706	1,092	32,557
IV.—Revenue from forests not managed by Government.	24,384	2,839	3,68,812	...	66,977
V.—Miscellaneous	1,30,751	3,62,652	4,31,983	35,49,778	(a) — 8,592	1,61,470
TOTAL REVENUE	..	30,52,078	61,79,638	31,57,771	2,03,66,104	9,39,275	35,20,008
EXPENDITURE.							
A.—CONSERVANCY, MAINTENANCE AND REGENERATION.							
I.—Timber and other produce removed from the forests by Government Agency.	...	2,38,678	4,17,685	9,07,162	1,14,550	11,304	6,20,712
II.—Timber and other produce removed from the forests by consumers or purchasers.	...	1,80,329	2,23,172	1,824	1,95,136	31,138	40,911
III.—Drift and waif wood and confiscated forest produce.	555	49,633	72,002	16	942
IV.—Revenue from forests not managed by Government.	..	3,188	16,445	...	12,295	...	...
V.—Rent of leased forests and payments to shareholders in forests managed by Government.	6,832	1,68,741	...	27,000	1,07,961
VI.—Live-stock stores, tools and plant	19,819	85,407	8,210	2,16,831	5,180	28,366
VII.—Communications and buildings	1,01,043	3,30,218	71,557	3,61,628	80,978	2,95,570
VIII.—Demarcation, improvements and extension of forests.	..	1,26,190	3,76,163	86,114	4,15,041	43,399	47,103
IX.—Miscellaneous	19,385	14,305	(b) — 5,550	1,45,646	20,363	25,050
Total A —Conservancy, Maintenance and Regeneration.	..	6,62,632	14,70,312	12,90,601	15,67,032	2,19,372	11,66,615
B.—ESTABLISHMENTS.							
Total B.—Establishments (includes salaries, travelling and other allowances and contingencies).	61,498	8,25,739	17,18,469	10,91,500	52,37,559	5,08,075	8,49,957
C.—Total gain or loss by exchange on English transactions, interest on capital outlay, etc.	...	40,125	65,493	91,755	2,01,505	34,610	26,121
D.—Total share of Capital charges transferred to S-A (i.e., Capital charges met from Revenue).	...	1,16,684	1,34,486	4,65,251	5,02,506	1,40,596	1,77,310
E.—Total Capital Outlay under 52-A (i.e., not transferred to S-A).	2,65,564
GRAND TOTAL OF EXPENDITURE (Excluding expenditure under E.)	61,498	16,65,180	33,88,710	29,69,197	78,08,595	9,02,662	22,20,392
SURPLUS (Excluding expenditure under E.)	..	13,86,898	27,90,928	1,88,574	1,25,57,509	36,613	12,99,706
DEFICIT	61,498	...	...	..	...	...	...
Proportion of surplus to gross revenue	45	45	6	61	1	37
Not revenue per square mile of forest area under control of Forest Department.	...	181	535	35	86	12	62

(a) Refunds after deducting Revenue under V-Miscellaneous.

(b) Work advances after deducting expenditure under IX-Miscellaneous.

MENT XVIII.

Forest Department in India for the financial year 1929-30.

Central Provinces.	Coorg.	North-West Frontier Province.	Ajmer.	Baluchistan.	Andamans.	Forest College and Research Institute.	Madras.	Bombay.	Total.
9	10	11	12	13	14	15	16	17	18
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
10,79,679	4,66,231	7,93,427	30,790	6,022	10,81,162	...	20,77,168	27,27,802	1,65,56,396
35,69,645	65,539	23,114	43,090	11,743	3,953	...	35,61,941	47,68,407	3,71,59,235
1,431	...	19,155	...	...	...	...	12,496	2,551	5,27,733
34,321	...	685	...	3,825	...	...	...	42,046	5,63,869
4,13,029	40,255	24,906	10,014	6,830	21,695	1,03,866	8,13,223	4,31,155	5,16,188
59,97,508	5,72,091	8,64,377	93,893	20,300	20,06,813	1,03,866	64,64,825	79,74,964	6,13,22,361
6,39,943	42,839	5,20,514	23,413	2,496	9,59,733	...	6,41,143	11,78,233	63,51,396
2,22,551	...	...	609	...	669	...	2,00,001	57,798	11,54,271
149	...	4,718	...	...	...	...	551	...	1,29,456
...	...	...	...	251	...	...	...	...	32,179
16,879	...	28,152	...	...	...	...	3,368	24,731	4,03,424
38,745	17,743	...	169	110	1,73,290	18,554	1,29,444	19,600	7,61,357
1,86,093	11,061	51,867	13,963	537	10,062	2,938	1,61,871	1,69,773	18,61,129
2,42,975	30,786	7,257	2,843	1,573	21,060	...	1,12,874	1,25,540	16,50,421
45,088	4,035	7,117	573	410	8,861	1,04,780	17,226	2,03,650	7,54,457
13,02,423	1,18,455	6,19,655	41,130	5,886	11,76,010	2,16,281	12,72,563	18,89,565	1,81,25,183
22,90,175	94,233	1,65,705	32,832	32,265	1,54,149	6,69,659	28,16,801	23,42,001	1,88,62,008
1,61,505	8,483	18,892	777	...	25,061	5,691	2,01,635	2,21,692	12,16,664
1,11,550	90,283	35,966	6,101	...	2,82,220	40,803	4,35,621	2,22,020	39,68,718
49,116	...	...	...	...	...	...	2,46,980	...	(c) 5,61,690
39,75,653	3,11,474	8,40,218	61,200	37,651	16,47,454	9,31,834	48,19,627	46,75,278	3,63,35,513
20,21,855	2,00,577	21,159	12,603	...	3,50,359	...	16,40,108	32,09,686	2,58,84,665
...	...	...	...	8,351	...	8,27,068	...	...	8,97,817
34	45	3	13	...	17	...	25	41	42
103	502	28	69	...	101	...	85	263	105

(c) Not included in Grand Total of expenditure.

Revenue of the Forest Department throughout India for the 31 financial years

(I) REVE

Province	Average of 1869-70 to 1873-74	Average of 1874-75 to 1878-79	Average of 1879-80 to 1883-84	Average of 1884-85 to 1888-89	Average of 1889-90 to 1893-94	Average of 1894-95 to 1898-99	1899-1900	1900-01	1901-02	1902-03	1903-04	1904-05
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Imperial	2,175	31,717	25,420	10,866	5,147	9,688	6,090	2,463	3,484	3,650	7,455	3,768
Bengal*	1,64,368	2,89,772	6,06,578	6,31,384	7,66,431	10,49,364	11,38,910	12,33,339	12,92,237	12,56,247	10,65,523	11,67,472
United Provinces	12,59,979	12,21,650	11,31,615	14,63,525	16,89,190	15,31,824	16,14,740	15,65,463	17,15,508	20,25,324	20,80,446	23,97,318
Punjab	6,87,123	7,05,558	7,37,338	9,11,950	9,00,417	11,39,510	11,00,770	13,50,842	14,47,558	15,86,408	17,17,797	18,74,443
Burma	8,94,298	14,29,175	19,88,356	25,01,318	49,78,654	66,15,542	78,12,050	80,51,411	58,73,938	67,39,053	82,68,535	89,59,756
Bihar and Orissa . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Assam† . . . . .	...	1,01,098	1,91,887	2,32,055	3,82,750	4,15,912	5,68,100	5,49,521	5,12,963	5,80,200	6,75,732	8,15,677
Central Provinces and Berar	7,41,879	9,79,936	12,81,992	14,11,163	16,98,505	13,75,958	12,97,490	12,65,614	15,72,116	16,84,428	19,38,032	20,13,459
Coorg	92,491	78,887	1,03,170	1,18,024	1,53,136	1,33,456	1,62,410	1,37,596	1,70,242	1,90,730	2,24,031	1,83,087
North-West Frontier Province . . . . .	...	...	...	...	...	...	...	...	13,012	1,01,123	1,01,833	90,991
Ajmer	65	1,182	4,475	11,859	15,233	14,162	10,270	10,646	6,865	9,786	13,681	17,297
Baluchistan . . . . .	...	...	8,556	10,073	17,908	18,330	17,060	16,956	14,712	19,336	18,363	22,555
Andamans	5,467	14,485	31,840	57,633	2,79,028	2,54,438	2,60,600	2,77,886	2,66,903	3,26,035	4,32,881	6,20,786
Imperial Forest College and Research Institute . . . . .	...	...	...	897	1,636	3,040	2,210	3,697	3,545	3,252	5,038	3,557
Forest Surveys (Imperial) . . . . .	...	17	139	206	668	300	420	327	473	3,034	431	...
Madras	6,03,213	5,88,389	8,06,020	18,09,481	17,14,323	31,10,958	23,02,290	23,40,170	25,43,430	26,18,619	26,57,727	28,29,216
Bombay	11,77,673	12,23,561	18,93,818	30,11,314	33,54,893	39,46,244	24,15,200	29,61,529	23,79,729	23,29,156	27,51,329	30,29,558
GRAND TOTAL	58,39,061	66,60,397	88,17,213	1,16,68,148	1,59,49,011	1,77,15,756	1,99,09,010	1,97,70,490	1,78,23,715	1,94,71,546	2,22,16,747	2,40,29,959

Province	1917-18	1918-19	1919-20	1920-21	1921-22	1922-23
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Imperial	51,720	27,488	21,527	27,122	27,803	26,553
Bengal	12,76,969	19,41,701	20,51,237	21,84,763	18,98,989	23,11,226
United Provinces	61,16,697	66,37,166	71,71,954	87,73,781	86,46,677	89,72,803
Punjab	21,17,776	21,54,178	38,45,878	38,05,058	49,91,178	31,44,443
Burma	1,23,61,499	1,25,28,852	1,64,35,262	1,69,75,660	2,21,16,787	1,89,43,952
Bihar and Orissa	7,53,625	9,14,763	8,17,458	8,10,602	9,00,673	8,81,904
Assam	13,09,956	14,92,718	14,81,890	15,31,944	18,97,027	17,13,853
Central Provinces and Berar	34,66,493	31,88,422	35,46,723	43,94,526	41,83,693	47,06,979
Coorg	4,58,673	6,77,878	9,45,028	4,27,351	7,33,731	9,42,653
North-West Frontier Province	3,37,711	3,81,322	4,62,541	2,19,779	5,74,853	7,27,659
Ajmer	27,733	37,260	31,911	48,112	40,812	43,978
Baluchistan	17,934	25,108	17,937	22,544	17,229	14,939
Andamans	7,93,656	11,81,983	8,00,795	6,24,374	5,50,098	5,88,027
Imperial Forest College and Research Institute	8,804	2,063	8,308	12,648	21,117	1,84,763
Forest Surveys (Imperial) . . . . .	...	...	...	...	...	...
Madras	54,58,489	47,91,460	62,34,119	53,61,216	48,69,171	52,72,956
Bombay	63,12,022	1,04,94,031	84,91,438	69,08,585	74,93,563	70,37,384
GRAND TOTAL	4,09,69,257	4,68,18,231	5,36,75,739	5,41,43,495	5,83,16,071	5,52,14,072

* Includes figures up to 1910-11 for districts subsequently transferred to Bihar and
† Includes figures up to 1910-11 for Eastern Bengal districts subsequently transferred
(a) Includes Federated Shan States

MENT XIX.

from 1899-1900 to 1929-30 and the average of 6 quinquennial periods from 1869-70 to 1898-99.

NUE.

1905-06.	1906-07.	1907-08.	1908-09.	1909-10.	1910-11.	1911-12.	1912-13.	1913-14.	1914-15.	1915-16.	1916-17.	Province.
Rs. 7,255	Rs. ...	Rs. 7,666	Rs. 8,189	Rs. 10,632	Rs. 8,662	Rs. 10,680	Rs. 12,837	Rs. 11,471	Rs. 12,017	- Rs. 23,457	Rs. 21,516	Imperial.
11,18,542	10,65,859	11,97,650	11,61,815	10,80,610	11,67,144	11,22,442	16,00,601	15,16,111	13,01,496	11,45,610	13,38,778	Bengal.*
24,33,428	25,02,664	21,09,745	21,75,406	23,01,161	23,78,439	30,16,160	35,43,863	37,12,467	31,35,235	37,38,831	50,40,932	United Provinces.
17,61,653	16,05,284	11,57,449	12,88,792	10,32,633	12,17,988	13,10,077	12,39,033	13,54,943	14,38,005	17,27,298	16,87,801	Punjab.
1,03,29,869	98,12,519	86,63,939	91,92,092	93,58,077	1,00,70,117	99,67,594	1,09,22,399	1,14,25,430	97,07,694	96,99,217	1,23,79,531	Burma.
...	...	...	...	...	...	4,07,213	4,38,958	4,91,735	5,49,779	5,17,727	5,29,081	Bihar and Orissa.
11,06,096	13,20,592	14,30,117	14,16,368	15,51,732	13,90,635	11,46,320	11,42,091	10,97,969	8,32,877	10,55,052	11,48,621	Assam.†
21,49,131	24,01,150	22,90,128	20,78,102	20,78,310	21,14,226	25,49,854	31,71,615	31,86,453	32,72,529	32,78,262	33,71,578	Central Provinces and Berar.
2,45,419	2,35,909	2,71,756	2,21,330	2,13,129	2,76,056	2,95,170	2,81,652	3,29,227	1,99,237	4,49,155	4,87,314	Coorg.
1,26,529	1,83,214	2,38,490	1,22,782	1,73,305	2,05,342	1,58,171	2,37,183	2,66,741	2,38,013	1,86,815	2,40,985	North-West Frontier Province.
15,002	18,315	20,604	27,615	23,990	33,816	26,361	36,596	33,697	31,170	23,415	21,272	Ajmer.
21,481	21,195	24,839	23,305	18,729	23,212	20,117	20,159	19,988	19,058	21,633	18,277	Baluchistan.
15,82,511	6,07,027	12,19,822	3,02,018	2,59,477	4,16,773	5,22,160	4,49,925	4,45,611	3,39,248	4,31,784	6,49,711	Andamans.
3,080	4,579	6,137	4,680	4,909	4,080	5,550	7,611	5,806	8,617	6,993	8,199	Imperial Forest College and Research Institute.
...	...	...	...	...	...	...	...	...	...	...	...	Forest Surveys (Imperial).
29,67,604	32,90,669	33,93,830	38,90,919	41,78,331	38,80,411	41,68,921	41,12,473	42,00,320	39,41,537	41,06,838	45,96,126	Madras.
33,84,993	31,22,481	36,46,177	35,87,356	37,57,656	37,18,221	43,30,569	49,92,519	51,03,156	46,60,242	47,01,263	55,19,177	Bombay.
2,66,74,593	2,64,91,486	2,58,62,979	2,54,56,799	2,60,25,791	2,74,05,451	2,90,57,359	3,22,09,809	3,23,61,545	2,97,09,784	3,11,16,367	3,70,27,741	GRAND TOTAL.

1923-24.	1924-25.	1925-26.	1926-27.	1927-28.	1928-29.	1929-30.	Province.
Rs. 29,551	Rs. 30,100	...	...	...	...	...	Imperial.
22,61,515	24,75,529	28,56,420	31,23,841	33,19,480	31,18,357	30,52,076	Bengal.
73,56,029	69,21,987	61,26,281	58,71,303	72,01,183	61,80,391	61,79,638	United Provinces.
43,86,533	37,27,312	41,12,076	39,07,731	31,91,217	35,28,025	31,57,771	Punjab.
(a) 1,94,92,399	(a) 1,96,77,624	(a) 2,23,46,518	(a) 2,35,91,060	(a) 2,21,07,668	(a) 1,61,00,143	(a) 2,03,66,191	Burma.
10,29,085	10,70,263	10,28,592	9,13,752	9,23,760	10,97,161	9,39,275	Bihar and Orissa.
19,74,292	24,78,756	30,39,140	31,93,473	36,13,460	37,67,873	35,20,008	Assam.
51,01,929	52,32,632	49,67,409	53,21,376	50,78,160	51,46,316	59,97,508	Central Provinces and Berar.
7,00,917	6,68,030	5,38,518	4,58,145	4,93,372	5,25,636	5,72,031	Coorg.
5,33,332	6,69,767	7,44,207	7,91,166	7,56,700	8,29,977	8,61,377	North-West Frontier Province.
55,422	66,062	72,759	66,934	76,515	87,924	93,803	Ajmer.
22,403	20,593	23,621	27,942	29,867	23,425	29,300	Baluchistan.
6,11,882	7,25,197	8,91,029	11,70,863	14,18,062	15,00,706	20,06,813	Andamans.
1,67,339	1,02,579	1,05,697	2,71,025	1,16,167	1,00,001	1,03,866	Imperial Forest College and Research Institute.
...	...	...	...	...	...	...	Forest Surveys (Imperial).
51,15,557	53,69,682	51,70,520	56,23,700	53,44,491	61,51,773	61,64,625	Madras.
71,49,604	73,07,964	75,28,038	76,56,420	72,91,094	73,13,035	79,71,964	Bombay.
5,62,90,519	5,67,44,032	5,93,70,625	6,19,64,731	6,18,09,136	5,78,09,143	6,13,22,061	GRAND TOTAL.

Orissa.
to Bengal.

(b) Excludes Rs. 52,151 deducted on account of Refunds.

Expenditure of the Forest Department throughout India for the 31 financial year

(II) EXPEN

Province.	Average of 1869-70 to 1873-74.	Average of 1874-75 to 1878-79.	Average of 1879-80 to 1883-84.	Average of 1884-85 to 1888-89.	Average of 1889-90 to 1893-94.	Average of 1894-95 to 1898-99.	1899-1900.	1900-01.	1901-02.	1902-03.	1903-04.	1904-05.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Imperial*	63,685	67,102	80,454	87,185	84,125	82,816	96,550	83,578	79,539	85,017	89,345	83,058
Bengal†	1,11,084	2,12,024	3,55,147	3,91,347	4,01,147	5,38,653	5,45,210	5,70,806	6,57,131	6,88,014	7,03,508	6,88,589
United Provinces	9,63,005	8,39,709	8,38,658	9,17,808	9,46,423	9,35,073	9,42,380	9,63,439	10,03,739	10,13,098	10,61,438	13,91,583
Punjab	8,29,326	5,57,148	5,41,242	6,44,872	6,46,374	7,50,224	12,11,460	8,87,343	9,38,335	9,60,095	11,56,415	10,12,354
Burma	4,02,847	8,12,279	10,12,512	13,22,124	16,72,383	21,20,642	24,47,440	26,51,717	26,46,457	28,90,263	33,52,401	34,46,924
Bihar and Orissa . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Assam‡ . . . . .	...	88,293	1,62,460	2,11,655	2,63,159	2,86,870	3,57,140	3,47,972	6,29,112	3,27,498	4,25,484	5,03,656
Central Provinces and Berar	3,09,072	4,33,734	6,13,539	7,87,805	10,10,657	11,78,660	12,75,820	11,65,866	12,00,904	12,57,288	12,80,966	13,20,615
Coorg	40,684	1,36,591	62,248	78,907	77,016	82,146	74,220	70,905	82,333	89,437	92,191	83,820
North-West Frontier Province . . . . .	...	...	...	...	...	...	...	...	10,510	54,086	60,603	74,958
Ajmer	6,197	18,693	13,197	17,620	14,061	16,722	15,350	16,782	15,927	10,377	16,680	15,641
Baluchistan . . . . .	...	...	12,594	16,180	39,452	33,508	23,680	29,254	24,460	23,240	21,697	24,672
Andamans	739	481	5,129	41,108	1,76,139	1,85,428	1,40,940	1,40,137	2,04,667	2,81,702	2,66,121	3,42,431
Imperial Forest College and Research Institute . . . . .	...	...	...	28,746	45,023	65,120	73,550	71,238	76,290	66,338	59,339	61,424
Forest Surveys (Imperial)	11,911	63,288	40,447	24,477	24,491	31,936	33,980	33,901	33,730	33,985	33,935	28,229
Madras	4,58,834	5,76,976	6,20,660	10,67,521	12,85,113	15,06,756	16,53,530	17,15,431	17,00,554	18,95,552	17,50,930	19,86,098
Bombay	6,45,016	8,70,487	12,51,292	18,41,812	19,09,769	19,81,582	21,28,430	24,08,561	17,19,630	16,76,441	17,75,937	19,03,801
GRAND TOTAL	39,83,430	45,76,894	56,09,579	74,26,956	86,03,352	97,93,140	1,10,24,680	1,11,60,040	1,07,46,338	1,12,40,331	1,21,66,993	1,29,67,856

Provinces.	1917-18.	1918-19.	1919-20.	1920-21.	1921-22.	1922-23.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Imperial*	90,332	1,10,633	1,32,777	1,68,993	2,57,011	4,33,494
Bengal	7,38,712	8,25,835	9,72,307	13,36,750	12,88,122	12,31,219
United Provinces	32,04,923	45,09,963	61,55,475	70,43,578	74,04,688	61,58,486
Punjab	11,58,048	17,95,804	21,16,120	35,75,749	43,76,076	49,06,871
Burma	51,87,179	56,91,982	65,38,200	73,07,014	90,83,094	99,72,140
Bihar and Orissa	3,90,716	4,30,849	5,06,800	5,89,118	9,94,665	7,17,531
Assam	16,86,627	6,99,961	8,21,717	9,66,601	9,91,511	11,14,634
Central Provinces and Berar	18,72,124	20,15,548	23,76,230	27,33,601	27,15,821	39,81,417
Coorg	1,99,941	4,25,572	5,07,547	4,66,758	6,30,645	5,86,007
North-West Frontier Province	1,53,875	2,07,357	3,01,453	4,51,197	7,49,384	6,12,383
Ajmer	26,504	28,508	47,232	37,417	41,320	39,840
Baluchistan	29,900	23,787	25,314	28,761	53,275	36,468
Andamans	3,97,724	6,12,826	9,71,491	13,27,930	12,87,027	8,05,184
Imperial Forest College and Research Institute	2,89,604	2,98,048	3,18,503	4,57,484	7,32,824	7,89,586
Forest Surveys (Imperial)	56,597	59,110	59,953	90,448	1,07,113	1,19,935
Madras	30,20,349	31,82,520	33,93,348	45,30,486	51,15,356	47,89,463
Bombay	33,53,714	38,72,197	59,18,632	53,05,023	59,23,916	40,14,344
GRAND TOTAL	2,11,57,063	2,88,75,505	3,17,63,199	3,64,19,907	4,08,51,878	3,93,12,041

* Includes pay of Inspector-General of Forests Assistant Inspector-General of Forests.
† Includes figures up to 1910-11 for districts subsequently transferred to Bihar and
‡ Includes figures up to 1910-11 for Eastern Bengal districts subsequently transferred
(a) Includes Federated Shan States.

MENT XIX—contd.

from 1899-1900 to 1929-30 and the average of 6 quinquennial periods from 1869-70 to 1898-99.

DITURE.

1905-06.	1906-07.	1907-08.	1908-09.	1909-10.	1910-11.	1911-12.	1912-13.	1913-14.	1914-15.	1915-16.	1916-17.	Province.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
83,767	95,472	1,00,204	1,01,183	1,04,332	92,606	91,714	1,01,162	99,296	99,478	1,09,502	1,03,248	Imperial *
5,93,509	6,83,886	7,19,391	5,83,931	5,91,999	6,43,255	7,09,371	6,60,791	6,10,157	6,70,935	5,93,635	6,19,649	Bengal.†
14,05,182	13,06,651	11,91,013	12,22,436	12,09,303	13,37,938	13,63,673	16,29,264	18,96,014	23,17,740	25,66,307	27,35,915	United Provinces.
12,65,661	11,44,403	11,76,696	8,51,627	6,67,732	7,40,542	7,65,146	7,99,176	9,19,177	8,89,302	9,23,876	9,31,662	Punjab.
39,38,063	36,59,753	35,51,532	37,17,247	36,83,618	38,42,799	41,31,162	41,38,581	42,71,901	46,80,417	48,86,211	49,36,588	Burma.
...	...	...	...	...	...	3,00,916	3,75,891	3,55,648	3,84,371	3,61,530	4,47,972	Bihar and Orissa.
5,93,910	7,07,860	8,00,873	8,91,349	10,12,541	10,87,340	8,41,013	8,08,911	9,10,210	8,98,339	7,55,214	6,76,033	Assam.‡
13,07,133	13,42,893	15,83,497	17,57,307	15,86,852	15,89,533	16,38,379	19,46,735	19,53,129	19,36,569	17,34,336	17,68,773	Central Provinces and Berar.
95,748	1,02,855	1,04,819	99,595	1,07,822	1,07,679	1,21,171	1,61,511	1,78,514	1,75,833	1,76,633	1,60,493	Coorg.
95,258	92,659	68,499	81,413	77,991	72,492	89,436	1,22,173	1,31,023	1,25,539	1,04,795	1,18,070	North-West Frontier Province.
17,191	16,715	16,189	19,910	19,272	19,918	22,343	29,714	23,595	21,733	25,152	26,631	Ajmer.
23,713	26,322	31,258	36,586	26,519	26,367	23,917	28,527	25,310	26,000	27,995	26,929	Baluchistan.
3,35,935	2,95,186	2,29,267	1,80,941	1,91,159	2,26,963	2,61,732	2,55,141	2,74,676	2,58,056	4,30,832	4,28,632	Andamans.
80,669	1,37,456	1,58,038	1,83,191	1,96,174	2,19,183	2,63,411	2,68,115	2,93,338	3,31,091	2,78,518	3,05,493	Imperial Forest College and Research Institute.
80,044	30,389	27,060	39,128	41,062	41,140	38,798	35,809	37,743	42,353	45,663	47,407	Forest Surveys (Imperial).
22,26,602	21,89,660	27,80,857	29,17,261	33,89,635	32,25,801	34,14,682	31,50,482	29,35,817	28,60,635	23,27,318	23,42,673	Madras.
21,24,691	19,30,183	19,55,427	20,43,673	20,63,653	20,70,117	26,61,436	26,91,455	25,89,877	21,87,925	26,42,038	25,61,631	Bombay.
1,42,29,521	1,40,62,819	1,45,12,033	1,47,26,031	1,49,20,651	1,52,41,023	1,69,46,566	1,72,07,819	1,75,43,155	1,82,06,450	1,85,92,607	1,87,43,883	GRAND TOTAL.

1923-24.	1924-25.	1925-26.	1926-27.	1927-28.	1928-29.	1929-30.	Province.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
1,41,459	1,68,535	1,18,993	1,23,855	61,661	59,361	61,493	Imperial.*
12,42,672	14,17,471	12,69,968	17,34,761	17,02,453	16,82,191	10,65,189	Bengal.
43,50,695	36,51,005	36,95,316	33,73,499	39,93,303	32,43,716	33,83,710	United Provinces.
29,16,035	26,14,486	27,01,510	27,03,386	29,51,871	21,93,319	29,69,197	Punjab.
1,03,02,159	96,28,313	86,87,913	89,40,881	88,37,858	81,21,271	78,03,595	Burma.
7,50,657	7,00,397	6,65,624	10,83,069	6,63,374	8,50,373	9,02,662	Bihar and Orissa.
11,59,815	13,30,859	15,67,983	14,47,506	14,45,767	21,22,366	22,20,302	Assam.
30,41,108	31,71,863	33,15,729	36,48,691	31,99,468	36,42,259	39,75,653	Central Provinces and Berar.†
5,65,593	3,58,761	3,05,395	2,81,770	2,50,186	2,65,133	3,11,451	Coorg.
4,63,567	5,88,713	5,47,321	6,46,719	6,91,414	5,91,935	8,10,218	North-West Frontier Province.
49,451	49,123	55,161	79,728	82,854	76,355	81,200	Ajmer.
31,410	30,478	31,358	32,422	31,919	36,878	37,631	Baluchistan.
8,06,214	11,53,690	11,35,063	12,20,097	14,50,681	13,23,927	16,47,451	Andamans.
7,75,642	8,26,365	8,14,033	8,96,666	9,35,361	9,41,737	9,31,834	Imperial Forest College and Research Institute.
95,911	...	...	...	...	...	...	Forest Surveys (Imperial).
46,93,826	59,72,459	48,23,239	50,36,844	47,69,591	45,59,503	45,18,627	Madras.
44,01,021	47,62,317	42,07,626	43,63,510	43,11,781	44,92,415	46,75,278	Bombay.
3,58,15,369	3,52,67,853	3,39,63,209	3,56,06,316	3,56,81,651	3,50,61,269	3,63,35,513	GRAND TOTAL.

Office Establishment, and undistributable and petty local items and revenues and charges, on Indore and Bangalore. Excludes Home charges.

to Bengal

STATE

Surplus of the Forest Department throughout India for the 31 financial years

(III) SUR

Province.	Average of 1869-70 to 1873-74	Average of 1874-75 to 1878-79.	Average of 1879-80 to 1883-84	Average of 1884-85 to 1888-89.	Average of 1889-90 to 1893-94	Average of 1894-95 to 1898-99.	1899-1900	1900-01.	1901-02	1902-03	1903-04.	1904-05
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Imperial*	-61,510	-35,385	-55,025	-76,269	-78,978	-73,128	-90,160	-81,115	-76,055	-81,358	-81,890	-79,290
Bengal†	53,284	77,748	2,51,431	2,37,037	3,62,284	5,10,712	5,93,700	6,62,533	6,35,106	6,18,233	3,62,015	4,78,883
United Provinces	2,95,974	3,81,941	2,95,957	5,45,627	7,42,767	5,96,746	6,72,360	6,02,024	7,06,769	10,11,326	11,99,008	10,05,735
Punjab	1,41,903	1,48,410	1,96,096	2,67,578	2,54,043	3,89,256	1,80,310	4,63,499	5,00,223	6,26,313	5,61,382	8,62,039
Burma	4,91,451	6,16,896	9,75,844	11,78,894	33,06,271	44,91,900	53,64,610	53,99,727	32,27,481	38,48,790	49,16,131	55,12,832
Bihar and Orissa . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Assam‡ . . . . .	...	12,805	29,427	20,400	1,14,591	1,20,042	2,10,960	2,01,519	1,83,851	2,52,701	2,50,248	3,12,021
Central Provinces and Berar,	3,42,607	5,46,202	6,68,453	6,73,358	6,78,818	1,97,298	21,670	99,718	3,78,212	4,27,140	7,17,066	6,92,844
Coorg	52,607	42,206	40,922	39,117	76,120	51,310	88,190	66,691	87,909	1,01,293	1,81,840	1,09,267
North-West Frontier Province, . . . . .	...	...	...	...	...	...	...	...	6,498	47,038	41,230	16,033
Ajmer	-6,132	-17,540	-8,722	-5,761	1,172	-2,560	-5,080	-6,136	-9,062	-6,611	2,796	1,656
Baluchistan . . . . .	...	...	-4,033	5,157	-21,454	-18,178	-11,620	-12,298	-9,768	-3,904	3,334	-2,117
Andamans	4,728	4,004	29,711	16,525	1,02,889	69,010	1,19,660	1,37,749	62,236	44,333	1,61,260	2,78,365
Imperial Forest College and Research Institute. . . . .	...	...	...	-28,319	-13,337	-62,080	-70,340	-67,541	-72,745	-63,086	-56,301	-57,867
Forest Surveys (Imperial),	-11,011	-63,271	-40,308	-21,271	-23,823	-31,636	-33,560	-33,661	-33,257	-30,951	-33,504	-23,229
Madras	1,46,409	11,413	1,85,360	2,32,960	4,29,215	6,04,232	6,48,760	6,24,739	8,33,876	7,78,267	9,06,797	8,43,118
Bombay	5,29,627	3,58,074	6,42,526	11,69,502	14,45,101	10,64,662	2,86,770	5,52,948	6,60,040	6,52,715	9,75,602	11,16,954
GRAND TOTAL	16,96,631	20,83,593	32,07,634	42,41,192	73,45,662	79,19,616	79,84,930	86,10,453	70,77,337	82,22,209	1,06,49,754	1,10,62,094

Province.	1917-18	1918-19.	1919-20.	1920-21.	1921-22.	1922-23.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Imperial*	-38,612	-83,150	-1,08,250	-1,41,871	-2,19,208	-4,06,941
Bengal	6,38,257	11,18,269	10,78,930	8,46,913	6,10,837	10,79,977
United Provinces	29,11,760	20,38,203	18,16,479	17,36,203	12,41,989	22,14,317
Punjab	9,59,728	3,58,374	14,29,758	2,29,300	6,15,102	-14,62,428
Burma	68,74,320	68,36,870	93,97,062	1,16,68,016	1,30,33,693	89,71,803
Bihar and Orissa	3,62,900	5,13,914	3,10,658	2,21,484	-91,292	1,64,873
Assam	6,23,329	8,01,757	6,59,873	5,65,943	3,05,516	5,99,219
Central Provinces and Berar	15,04,369	14,72,874	21,70,493	16,60,925	14,17,872	16,72,562
Coorg	2,58,732	2,52,301	4,40,481	-39,407	1,03,086	3,56,646
North-West Frontier Province	1,83,836	1,73,965	1,61,088	-2,84,418	-1,74,531	1,15,276
Ajmer	1,229	8,772	-12,368	10,695	-508	4,188
Baluchistan	-12,065	-3,679	-7,377	-6,217	-36,046	-21,529
Andamans	3,55,932	5,71,557	-1,70,696	-7,08,556	-7,36,929	-2,17,157
Imperial Forest College and Research Institute	-2,81,390	-2,86,965	-3,10,195	-4,41,836	-7,03,707	-5,54,823
Forest Surveys (Imperial)	-56,597	-59,110	-59,953	-90,448	-1,07,113	-1,19,935
Madras	24,38,110	16,08,940	25,40,801	8,50,760	-2,46,185	4,83,493
Bombay	29,58,308	26,21,634	25,75,756	15,93,583	24,69,617	30,23,040
GRAND TOTAL	1,98,12,194	1,79,42,726	2,19,12,540	1,77,23,538	1,74,64,193	1,59,02,031

*Includes pay of Inspector-General of Forests, Assistant Inspector-General of Forests.
†Includes figures up to 1910-11 for districts subsequently transferred to Bihar and
‡Includes figures up to 1910-11 for Eastern Bengal districts subsequently transferred
(a) Includes Federated Shan States.

MENT XIX—concl'd.

from 1899-1900 to 1929-30 and the average of 6 quinquennial periods from 1869-70 to 1898-99.

PLUS.

1905-06.	1906-07.	1907-08.	1908-09.	1909-10.	1910-11.	1911-12.	1912-13.	1913-14.	1914-15.	1915-16.	1916-17.	Province.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
-76,512	-25,472	-22,538	-25,904	-23,700	-23,944	-24,034	-21,325	-27,825	-27,431	-26,045	-28,702	Imperial.*
5,25,033	4,32,473	4,84,256	6,00,864	4,89,541	5,21,159	4,16,068	19,39,807	9,75,954	6,33,561	5,51,975	7,19,130	Bengal †
10,23,246	11,96,013	12,15,732	9,52,970	10,91,586	11,40,501	16,52,487	19,14,699	18,16,473	8,17,495	11,72,521	23,05,017	United Provinces.
5,17,959	4,60,881	2,80,753	4,87,165	3,61,881	4,77,446	5,44,931	4,39,857	4,35,766	5,48,703	8,03,405	7,53,139	Punjab.
63,91,806	61,52,766	51,12,457	51,74,785	56,74,459	62,27,318	58,36,432	67,83,809	71,50,529	50,27,247	48,12,976	74,42,943	Burma.
...	...	...	...	...	...	1,06,297	63,064	1,36,087	1,65,408	1,50,177	81,100	Bihar and Orissa.
5,12,186	6,12,732	6,30,074	5,55,019	5,22,191	8,13,295	3,05,307	3,33,180	1,87,729	-65,462	3,99,838	4,72,588	Assam ‡
11,41,978	10,58,281	7,06,721	3,24,855	4,91,488	5,24,693	7,11,475	12,25,080	12,33,324	13,35,060	15,43,926	16,02,603	Central Provinces and Berar.
1,49,671	1,33,054	1,69,977	1,24,735	1,05,307	1,68,376	1,73,996	1,20,108	1,50,713	23,401	2,72,522	3,26,822	Coorg.
33,271	89,561	1,50,090	41,069	95,914	1,32,850	63,735	1,15,010	1,35,718	1,12,420	82,020	1,22,915	North-West Frontier Province.
-2,129	1,620	11,676	7,699	4,718	13,928	4,018	6,882	10,302	9,437	-1,707	-5,362	Ajmer.
-4,262	-5,127	-6,429	-13,281	-7,820	-2,175	-8,830	-8,368	-5,322	-6,942	-6,362	-8,652	Baluchistan.
2,46,526	3,11,891	62,555	21,077	65,318	1,69,610	2,60,428	1,94,784	1,71,135	81,192	3,952	2,21,059	Andamans.
-77,589	-1,32,907	-1,51,901	-1,78,511	-1,91,265	-2,15,103	-2,57,891	-2,60,834	-2,92,532	-3,22,474	-2,71,523	-2,97,299	Imperial Forest College and Research Institute.
-30,044	-30,389	-27,060	-39,128	-41,062	-41,140	-38,798	-35,809	-37,143	-42,353	-43,663	-47,407	Forest Surveys (Imperial).
7,01,002	8,10,009	11,12,973	9,78,658	8,38,746	6,54,610	7,54,029	9,61,991	12,64,503	10,60,852	11,79,520	17,53,448	Madras.
13,58,900	14,32,298	16,90,750	15,43,483	16,94,568	16,47,807	16,66,133	23,00,064	25,13,279	21,92,317	20,59,225	22,54,496	Bombay.
1,24,16,072	1,24,27,687	1,13,50,046	1,07,30,765	1,11,05,140	1,21,61,431	1,21,10,793	1,50,01,999	1,57,58,090	1,15,03,334	1,25,23,760	1,83,18,047	GRAND TOTAL.

1923-24.	1924-25.	1925-26.	1926-27.	1927-28.	1928-29.	1929-30.	Province.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
-1,14,038	-1,38,495	-1,18,903	-1,23,858	-61,661	-54,361	-61,498	Imperial.*
10,18,843	10,58,058	15,95,452	13,89,080	16,47,027	14,36,166	18,86,898	Bengal.
30,05,784	32,37,982	27,30,935	24,97,804	32,07,880	29,36,675	27,90,928	United Provinces.
14,70,498	11,12,824	14,10,566	12,04,345	2,36,343 ^(a)	10,34,706 ^(a)	1,88,574	Punjab.
91,90,210	1,00,49,511	1,36,58,875	1,46,53,176	1,35,69,810	96,75,372	1,25,57,509	Burma.
2,78,428	2,73,871	3,62,968	-1,39,317	2,75,386	2,46,768	36,619	Bihar and Orissa.
8,14,447	11,47,903	14,71,157	16,85,967	21,67,693	16,45,507	12,99,706	Assam.
20,63,821	20,60,769	16,41,680	16,72,695	15,78,692	17,97,057	20,21,855	Central Provinces and Berar.
1,35,319	3,09,279	2,33,123	1,73,375	2,43,186	2,60,503	2,60,577	Coorg.
74,765	81,054	1,96,886	1,50,447	65,286	-5,558	21,159	North-West Frontier Province.
5,968	16,937	17,598	-12,794	-6,339	11,569	12,603	Ajmer.
-9,037	-9,885	-7,787	-4,480	-4,152	-13,453	-8,951	Baluchistan.
-2,84,832	-4,28,093	-2,41,034	-49,394	-32,622	1,71,779	3,59,959	Andamans.
-6,08,303	-7,23,786	-7,08,836	-6,22,511	-8,19,197	-8,35,736	-8,27,968	Imperial Forest College and Research Institute.
-95,914	...	...	...	...	...	...	Forest Surveys (Imperial).
7,81,791	4,97,223	3,47,281	5,86,856	5,72,837	15,95,270	16,46,198	Madras.
27,48,580	29,25,647	33,20,412	32,96,904	29,82,319	28,50,590	32,99,686	Bombay.
2,01,74,950	2,14,76,799	2,59,07,623	2,63,58,415	2,56,21,482	2,27,47,874	2,49,86,848	GRAND TOTAL.

Office Establishment, and undistributable and petty local items and revenues and charges on Indore and Bangalore... Excludes Home charges.
 Orissa
 o Bengal.

DIAGRAM SHOWING
ANNUAL FOREST REVENUE, EXPENDITURE & SURPLUS,
For the 10 years 1920-21 to 1929-30.

